

File Name: /home/hannah/data/data/ad9887A/char_skeys/dl_25C/3.3V_25C_all_skeys_ad9887A_01_dl_chara_032403.stdf
 Lot ID: skew1_25C, skew2_25C, skew5_25C, skew7_25C, skew9_25C, skew11_25C, skew12_25C
 Part type: ad9887AK5_01_dl_char
 Job name: /eng/prh/ad9887A/ad9887A_dl_chara/rev_1_handler_9887A_chara_load
 Operator name: eng
 Node name: hsc1
 Tester type: CTS 5340
 Software Revision: cts_1.1c
 Handler type:
 DIB ID:
 Prober ID (DUT card ID):
 Test mode: E
 Job setup time: Fri Mar 21 17:12:00 2003
 First test time: Fri Mar 21 17:12:10 2003
 Last test time: Wed Dec 31 19:00:00 1969

Total Number of Devices = 388

Software Binning

Bin	Total	% of Devices
6	8	2.1
10	358	92.3
40	22	5.7

Hardware Binning

Bin	Total	% of Devices
6	8	2.1
10	358	92.3
40	22	5.7

Test #	Test Name	Execs	Fails	Tst Yld X	Tot Yld X	Cum Yld X	Lo-Lim	Hi-Lim	Units
1	board_id	388	0	100.00	100.00	97.00	-0.500	255.500	
2	dut_skew	388	0	100.00	100.00	97.00	-1.000	100.000	
3	dut_temp	388	0	100.00	100.00	97.00	-55.000	125.000	
4	dut_skew	388	0	100.00	100.00	97.00	-1.000	100.000	
5	dut_supply	388	0	100.00	100.00	97.00	2.000	4.000	
6	part_no	388	0	100.00	100.00	97.00	0.000	40.00E+03	
7	acknowledge	388	10	97.42	97.50	94.50	0.000	0.000	
8	I2C_register_fail	388	0	100.00	100.00	97.00	0.000	100.000	
9	total_I2C_fails	388	10	97.42	97.50	94.50	0.000	0.000	
10	sda_rise_setup	388	0	100.00	100.00	97.00	-1.000	2.000	5
11	sda_fall_hold	388	0	100.00	100.00	97.00	-1.000	2.000	5
12	dsda_rise_setup	388	0	100.00	100.00	97.00	-1.000	2.000	5
13	dsda_fall_hold	388	0	100.00	100.00	97.00	-1.000	2.000	5
14	sda_fall_setup	388	0	100.00	100.00	97.00	-1.000	2.000	5
15	sda_rise_hold	388	0	100.00	100.00	97.00	-1.000	2.000	5
16	dsda_fall_setup	388	0	100.00	100.00	97.00	-1.000	2.000	5
17	dsda_rise_hold	388	0	100.00	100.00	97.00	-1.000	2.000	5
18	int_edge_r_170	388	0	100.00	100.00	97.00	0.000	1.000E-06	
19	hsync_edge_r_170	388	0	100.00	100.00	97.00	0.000	1.000E-06	
20	target_code_r_170	388	0	100.00	100.00	97.00	0.000	256.000	
21	tnin_code_r_170	388	0	100.00	100.00	97.00	0.000	0.256E-06	
22	min_code_r_170	388	0	100.00	100.00	97.00	0.000	256.000	
23	target_code_g_170	388	0	100.00	100.00	97.00	0.000	256.000	
24	tnin_code_g_170	388	0	100.00	100.00	97.00	0.000	0.256E-06	
25	min_code_g_170	388	0	100.00	100.00	97.00	0.000	256.000	
26	target_code_b_170	388	0	100.00	100.00	97.00	0.000	256.000	
27	tnin_code_b_170	388	0	100.00	100.00	97.00	0.000	0.256E-06	
28	min_code_b_170	388	0	100.00	100.00	97.00	0.000	256.000	
29	pump_set_300_20	388	0	100.00	100.00	97.00	0.000	500.000	
30	trail_edge_33_20	388	339	12.63	15.25	12.25	0.000	10.000	
31	status_cnt_r_33_20	388	0	100.00	100.00	97.00	0.000	100.000	
32	dl_odclk_freq_1x_20	388	0	100.00	100.00	97.00	0.000	100.000	
33	dl_r_g_b_phase_20	388	53	86.34	86.75	83.75	0.000	0.000	
34	dl_r_count_20	388	388	0.00	3.00	0.00	0.000	0.000	
35	dl_g_count_20	388	388	0.00	3.00	0.00	0.000	0.000	
36	dl_b_count_20	388	388	0.00	3.00	0.00	0.000	0.000	
37	dl_data_err300_20	388	388	0.00	3.00	0.00	0.000	0.000	
38	pump_set_250_20	388	0	100.00	100.00	97.00	0.000	500.000	
39	trail_edge_33_20	388	294	24.23	26.50	23.50	0.000	10.000	
40	status_cnt_r_33_20	388	0	100.00	100.00	97.00	0.000	100.000	
41	dl_odclk_freq_1x_20	388	0	100.00	100.00	97.00	0.000	0.000	
42	dl_r_g_b_phase_20	388	98	74.74	75.50	72.50	0.000	0.000	
43	dl_r_count_20	388	388	0.00	3.00	0.00	0.000	0.000	
44	dl_g_count_20	388	388	0.00	3.00	0.00	0.000	0.000	
45	dl_b_count_20	388	388	0.00	3.00	0.00	0.000	0.000	
46	dl_data_err250_20	388	388	0.00	3.00	0.00	0.000	0.000	
47	pump_set_100_20	388	0	100.00	100.00	97.00	0.000	500.000	
48	trail_edge_33_20	388	233	39.95	41.75	38.75	0.000	10.000	
49	status_cnt_r_33_20	388	0	100.00	100.00	97.00	0.000	100.000	
50	dl_odclk_freq_1x_20	388	0	100.00	100.00	97.00	0.000	0.000	
51	dl_r_g_b_phase_20	388	173	55.41	56.75	53.75	0.000	0.000	
52	dl_r_count_20	388	388	0.00	3.00	0.00	0.000	0.000	

53	di_g_count_20	388	388	0.00	3.00	0.00	>	0.000	<	0.000
54	di_h_count_20	388	388	0.00	3.00	0.00	>	0.000	<	0.000
55	di_data_err200_20	388	388	0.00	3.00	0.00	>	0.000	<	0.000
56	pump_set_150_20	388	0	100.00	100.00	97.00	>	0.000	<	500.000
57	trail_edge_33_20	388	3	99.23	99.25	96.25	>	0.000	<	10.000
58	status_cntr_33_20	388	0	100.00	100.00	97.00	>	0.000	<	100.000
59	di_odclk_freq_1x_20	388	0	100.00	100.00	97.00	>	0.000	<	0.000
60	di_r_g_b_phase_20	388	34	91.24	91.50	88.50	>	0.000	<	0.000
61	di_r_count_20	388	38	99.21	99.50	87.50	>	0.000	<	0.000
62	di_g_count_20	388	40	89.69	90.00	87.00	>	0.000	<	0.000
63	di_h_count_20	388	37	90.45	90.75	87.75	>	0.000	<	0.000
64	di_data_err150_20	388	44	88.66	89.00	86.00	>	0.000	<	0.000
65	pump_set_100_20	388	0	100.00	100.00	97.00	>	0.000	<	300.000
66	trail_edge_33_20	388	2	99.48	99.50	96.50	>	0.000	<	10.000
67	status_cntr_33_20	388	0	100.00	100.00	97.00	>	0.000	<	100.000
68	di_odclk_freq_1x_20	388	0	100.00	100.00	97.00	>	0.000	<	0.000
69	di_r_g_b_phase_20	388	0	100.00	100.00	97.00	>	0.000	<	100.000
70	di_r_count_20	388	2	99.48	99.50	96.50	>	0.000	<	0.000
71	di_g_count_20	388	2	99.48	99.50	96.50	>	0.000	<	0.000
72	di_h_count_20	388	2	99.48	99.50	96.50	>	0.000	<	0.000
73	di_data_err100_20	388	2	99.48	99.50	96.50	>	0.000	<	0.000
74	pump_set_75_20	388	0	100.00	100.00	97.00	>	0.000	<	300.000
75	trail_edge_33_20	388	2	99.48	99.50	96.50	>	0.000	<	10.000
76	status_cntr_33_20	388	0	100.00	100.00	97.00	>	0.000	<	100.000
77	di_odclk_freq_1x_20	388	0	100.00	100.00	97.00	>	0.000	<	0.000
78	di_r_g_b_phase_20	388	0	100.00	100.00	97.00	>	0.000	<	0.000
79	di_r_count_20	388	2	99.48	99.50	96.50	>	0.000	<	0.000
80	di_g_count_20	388	2	99.48	99.50	96.50	>	0.000	<	0.000
81	di_h_count_20	388	2	99.48	99.50	96.50	>	0.000	<	0.000
82	di_data_err75_20	388	2	99.48	99.50	96.50	>	0.000	<	0.000
83	pump_set_50_20	388	0	100.00	100.00	97.00	>	0.000	<	300.000
84	trail_edge_33_20	388	2	99.48	99.50	96.50	>	0.000	<	10.000
85	status_cntr_33_20	388	0	100.00	100.00	97.00	>	0.000	<	100.000
86	di_odclk_freq_1x_20	388	0	100.00	100.00	97.00	>	0.000	<	0.000
87	di_r_g_b_phase_20	388	4	98.97	99.00	96.00	>	0.000	<	0.000
88	di_r_count_20	388	4	98.97	99.00	96.00	>	0.000	<	0.000
89	di_g_count_20	388	4	98.97	99.00	96.00	>	0.000	<	0.000
90	di_h_count_20	388	4	98.97	99.00	96.00	>	0.000	<	0.000
91	di_data_err50_20	388	6	98.45	98.50	95.50	>	0.000	<	0.000
92	pump_setting_25	388	0	100.00	100.00	97.00	>	0.000	<	300.000
93	trail_edge_33_25	388	0	100.00	100.00	97.00	>	0.000	<	10.000
94	status_cntr_33_25	388	0	100.00	100.00	97.00	>	0.000	<	100.000
95	di_odclk_freq_1x_25	388	0	100.00	100.00	97.00	>	0.000	<	0.000
96	di_odclk_dc_25	388	0	100.00	100.00	97.00	>	25.000	<	75.000
97	di_odclk_fb_dc_25	388	0	100.00	100.00	97.00	>	25.000	<	75.000
98	di_sync_rise_25	388	0	100.00	100.00	97.00	>	0.000	<	0.000
99	di_sync_fall_25	388	3	99.23	99.25	96.25	>	0.000	<	0.000
100	di_r_g_b_phase_25	388	2	99.48	99.50	96.50	>	0.000	<	0.000
101	di_r_count_25	388	2	99.48	99.50	96.50	>	0.000	<	0.000
102	di_g_count_25	388	3	99.23	99.25	96.25	>	0.000	<	0.000
103	di_h_count_25	388	1	99.74	99.75	96.75	>	0.000	<	0.000
104	di_data_errarr_25	388	3	99.23	99.25	96.25	>	0.000	<	0.000
105	tx_current_volt_25	388	74	99.74	99.75	96.75	>	0.000	<	0.002
106	tx_volt_volt_25	388	0	100.00	100.00	97.00	>	0.000	<	4.000
107	tx_current_volt_25	388	18	99.36	99.50	92.50	>	0.000	<	0.002
108	tx_volt_volt_25	388	0	100.00	100.00	97.00	>	0.000	<	4.000
109	pump_set_300_25	388	0	100.00	100.00	97.00	>	0.000	<	500.000
110	trail_edge_33_25	388	101	73.97	74.75	71.75	>	0.000	<	10.000
111	status_cntr_33_25	388	0	100.00	100.00	97.00	>	0.000	<	100.000
112	di_odclk_freq_1x_25	388	1	99.74	99.75	96.75	>	0.000	<	0.000
113	di_r_g_b_phase_25	388	287	26.03	28.25	25.25	>	0.000	<	0.000
114	di_r_count_25	388	388	0.00	3.00	0.00	>	0.000	<	0.000
115	di_g_count_25	388	388	0.00	3.00	0.00	>	0.000	<	0.000
116	di_h_count_25	388	388	0.00	3.00	0.00	>	0.000	<	0.000
117	di_data_err300_25	388	388	0.00	3.00	0.00	>	0.000	<	0.000
118	pump_set_250_25	388	0	100.00	100.00	97.00	>	0.000	<	500.000
119	trail_edge_33_25	388	75	80.67	81.25	78.25	>	0.000	<	0.000
120	status_cntr_33_25	388	0	100.00	100.00	97.00	>	0.000	<	100.000
121	di_odclk_freq_1x_25	388	0	100.00	100.00	97.00	>	0.000	<	0.000
122	di_r_g_b_phase_25	388	316	16.56	21.00	18.00	>	0.000	<	0.000
123	di_r_count_25	388	388	0.00	3.00	0.00	>	0.000	<	0.000
124	di_g_count_25	388	388	0.00	3.00	0.00	>	0.000	<	0.000
125	di_h_count_25	388	388	0.00	3.00	0.00	>	0.000	<	0.000
126	di_data_err250_25	388	388	0.00	3.00	0.00	>	0.000	<	0.000
127	pump_set_200_25	388	0	100.00	100.00	97.00	>	0.000	<	500.000
128	trail_edge_33_25	388	2	99.48	99.50	96.50	>	0.000	<	10.000
129	status_cntr_33_25	388	0	100.00	100.00	97.00	>	0.000	<	100.000
130	di_odclk_freq_1x_25	388	0	100.00	100.00	97.00	>	0.000	<	0.000
131	di_r_g_b_phase_25	388	376	3.09	6.00	3.00	>	0.000	<	0.000
132	di_r_count_25	388	378	2.58	5.50	2.50	>	0.000	<	0.000
133	di_g_count_25	388	378	2.58	5.50	2.50	>	0.000	<	0.000
134	di_h_count_25	388	376	3.09	6.00	3.00	>	0.000	<	0.000
135	di_data_err200_25	388	379	2.32	5.25	2.25	>	0.000	<	0.000
136	pump_set_150_25	388	0	100.00	100.00	97.00	>	0.000	<	500.000
137	trail_edge_33_25	388	0	100.00	100.00	97.00	>	0.000	<	10.000
138	status_cntr_33_25	388	0	100.00	100.00	97.00	>	0.000	<	100.000
139	di_odclk_freq_1x_25	388	0	100.00	100.00	97.00	>	0.000	<	0.000

140	dl_r_g_b_phase_25	388	3	99.23	99.25	96.25	>	0.000	<	0.000
141	dl_r_count_25	388	2	99.48	99.50	96.50	>	0.000	<	0.000
142	dl_g_count_25	388	2	99.48	99.50	96.50	>	0.000	<	0.000
143	dl_b_count_25	388	3	99.23	99.25	96.25	>	0.000	<	0.000
144	dl_data_err150_25	388	4	98.97	99.00	96.00	>	0.000	<	0.000
145	pump_set_100_25	388	0	100.00	100.00	97.00	>	0.000	<	300.000
146	trail_edge_33_25	388	0	100.00	100.00	97.00	>	0.000	<	10.000
147	status_ctr_33_25	388	0	100.00	100.00	97.00	>	0.000	<	100.000
148	dl_odclk_freq_1x_25	388	0	100.00	100.00	97.00	>	0.000	<	0.000
149	dl_r_g_b_phase_25	388	1	99.23	99.25	96.25	>	0.000	<	0.000
150	dl_r_count_25	388	2	99.48	99.50	96.50	>	0.000	<	0.000
151	dl_g_count_25	388	2	99.48	99.50	96.50	>	0.000	<	0.000
152	dl_b_count_25	388	2	99.48	99.50	96.50	>	0.000	<	0.000
153	dl_data_err100_25	388	1	99.23	99.25	96.25	>	0.000	<	0.000
154	pump_set_75_25	388	0	100.00	100.00	97.00	>	0.000	<	300.000
155	trail_edge_33_25	388	0	100.00	100.00	97.00	>	0.000	<	10.000
156	status_ctr_33_25	388	0	100.00	100.00	97.00	>	0.000	<	100.000
157	dl_odclk_freq_1x_25	388	0	100.00	100.00	97.00	>	0.000	<	0.000
158	dl_r_g_b_phase_25	388	6	98.45	98.50	95.50	>	0.000	<	0.000
159	dl_r_count_25	388	4	98.97	99.00	96.00	>	0.000	<	0.000
160	dl_g_count_25	388	1	99.23	99.25	96.25	>	0.000	<	0.000
161	dl_b_count_25	388	4	98.97	99.00	96.00	>	0.000	<	0.000
162	dl_data_err75_25	388	7	98.20	98.25	95.25	>	0.000	<	0.000
163	pump_set_50_25	388	0	100.00	100.00	97.00	>	0.000	<	300.000
164	trail_edge_33_25	388	0	100.00	100.00	97.00	>	0.000	<	10.000
165	status_ctr_33_25	388	0	100.00	100.00	97.00	>	0.000	<	100.000
166	dl_odclk_freq_1x_25	388	0	100.00	100.00	97.00	>	0.000	<	0.000
167	dl_r_g_b_phase_25	388	9	97.94	98.00	95.00	>	0.000	<	0.000
168	dl_r_count_25	388	6	98.45	98.50	95.50	>	0.000	<	0.000
169	dl_g_count_25	388	6	98.45	98.50	95.50	>	0.000	<	0.000
170	dl_b_count_25	388	6	98.45	98.50	95.50	>	0.000	<	0.000
171	dl_data_err50_25	388	9	97.68	97.75	94.75	>	0.000	<	0.000
172	pump_set_300_30	388	0	100.00	100.00	97.00	>	0.000	<	500.000
173	trail_edge_33_30	388	196	49.48	51.00	48.00	>	0.000	<	10.000
174	status_ctr_33_30	388	0	100.00	100.00	97.00	>	0.000	<	100.000
175	dl_odclk_freq_1x_30	388	0	100.00	100.00	97.00	>	0.000	<	0.000
176	dl_r_g_b_phase_30	388	189	51.29	52.75	49.75	>	0.000	<	0.000
177	dl_r_count_30	388	388	0.00	3.00	0.00	>	0.000	<	0.000
178	dl_g_count_30	388	0	0.00	3.00	0.00	>	0.000	<	0.000
179	dl_b_count_30	388	388	0.00	3.00	0.00	>	0.000	<	0.000
180	dl_data_err300_30	388	388	0.00	0.00	0.00	>	0.000	<	0.000
181	pump_set_250_30	388	0	100.00	100.00	97.00	>	0.000	<	500.000
182	trail_edge_33_30	388	2	99.48	99.50	96.50	>	0.000	<	10.000
183	status_ctr_33_30	388	0	100.00	100.00	97.00	>	0.000	<	100.000
184	dl_odclk_freq_1x_30	388	0	100.00	100.00	97.00	>	0.000	<	0.000
185	dl_r_g_b_phase_30	388	321	17.27	19.75	16.75	>	0.000	<	0.000
186	dl_r_count_30	388	311	19.85	22.25	19.25	>	0.000	<	0.000
187	dl_g_count_30	388	319	17.78	20.25	17.25	>	0.000	<	0.000
188	dl_b_count_30	388	327	15.72	18.25	15.25	>	0.000	<	0.000
189	dl_data_err250_30	388	333	14.18	16.75	13.75	>	0.000	<	0.000
190	pump_set_200_30	388	0	100.00	100.00	97.00	>	0.000	<	500.000
191	trail_edge_33_30	388	0	100.00	100.00	97.00	>	0.000	<	10.000
192	status_ctr_33_30	388	0	100.00	100.00	97.00	>	0.000	<	100.000
193	dl_odclk_freq_1x_30	388	0	100.00	100.00	97.00	>	0.000	<	0.000
194	dl_r_g_b_phase_30	388	3	99.23	99.25	96.25	>	0.000	<	0.000
195	dl_r_count_30	388	2	99.48	99.50	96.50	>	0.000	<	0.000
196	dl_g_count_30	388	2	99.48	99.50	96.50	>	0.000	<	0.000
197	dl_b_count_30	388	2	99.48	99.50	96.50	>	0.000	<	0.000
198	dl_data_err200_30	388	3	99.23	99.25	96.25	>	0.000	<	0.000
199	pump_set_150_30	388	0	100.00	100.00	97.00	>	0.000	<	500.000
200	trail_edge_33_30	388	0	100.00	100.00	97.00	>	0.000	<	10.000
201	status_ctr_33_30	388	0	100.00	100.00	97.00	>	0.000	<	100.000
202	dl_odclk_freq_1x_30	388	0	100.00	100.00	97.00	>	0.000	<	0.000
203	dl_r_g_b_phase_30	388	0	99.74	99.75	96.75	>	0.000	<	0.000
204	dl_r_count_30	388	0	100.00	100.00	97.00	>	0.000	<	0.000
205	dl_g_count_30	388	0	100.00	100.00	97.00	>	0.000	<	0.000
206	dl_b_count_30	388	0	100.00	100.00	97.00	>	0.000	<	0.000
207	dl_data_err150_30	388	1	99.74	99.75	96.75	>	0.000	<	0.000
208	pump_set_100_30	388	0	100.00	100.00	97.00	>	0.000	<	300.000
209	trail_edge_33_30	388	0	100.00	100.00	97.00	>	0.000	<	10.000
210	status_ctr_33_30	388	0	100.00	100.00	97.00	>	0.000	<	100.000
211	dl_odclk_freq_1x_30	388	0	100.00	100.00	97.00	>	0.000	<	0.000
212	dl_r_g_b_phase_30	388	1	99.74	99.75	96.75	>	0.000	<	0.000
213	dl_r_count_30	388	1	99.74	99.75	96.75	>	0.000	<	0.000
214	dl_g_count_30	388	1	99.74	99.75	96.75	>	0.000	<	0.000
215	dl_b_count_30	388	1	99.74	99.75	96.75	>	0.000	<	0.000
216	dl_data_err100_30	388	1	99.74	99.75	96.75	>	0.000	<	0.000
217	pump_set_75_30	388	0	100.00	100.00	97.00	>	0.000	<	300.000
218	trail_edge_33_30	388	0	100.00	100.00	97.00	>	0.000	<	10.000
219	status_ctr_33_30	388	0	100.00	100.00	97.00	>	0.000	<	100.000
220	dl_odclk_freq_1x_30	388	0	100.00	100.00	97.00	>	0.000	<	0.000
221	dl_r_g_b_phase_30	388	3	99.23	99.25	96.25	>	0.000	<	0.000
222	dl_r_count_30	388	3	99.23	99.25	96.25	>	0.000	<	0.000
223	dl_g_count_30	388	3	99.23	99.25	96.25	>	0.000	<	0.000
224	dl_b_count_30	388	3	99.23	99.25	96.25	>	0.000	<	0.000
225	dl_data_err75_30	388	4	98.97	99.00	96.00	>	0.000	<	0.000
226	pump_set_50_30	388	0	100.00	100.00	97.00	>	0.000	<	300.000

227	trail_edge_33_30	388	0	100.00	100.00	97.00	>	0.000	<	10.000
228	status_cnr_33_112	388	0	100.00	100.00	97.00	>	0.000	<	100.000
229	dl_adcik_freq_1x_30	388	0	100.00	100.00	97.00	>	0.000	<	0.000
230	dl_r_g_b_phase_30	388	7	98.20	98.25	95.25	>	0.000	<	0.000
231	dl_r_count_30	388	7	98.20	98.25	95.25	>	0.000	<	0.000
232	dl_g_count_30	388	7	98.20	98.25	95.25	>	0.000	<	0.000
233	dl_b_count_30	388	7	98.20	98.25	95.25	>	0.000	<	0.000
234	dl_data_err50_30	388	8	97.54	98.00	95.00	>	0.000	<	0.000
235	pump_set_400_112	388	0	100.00	100.00	97.00	>	0.000	<	500.000
236	trail_edge_33_112	388	0	100.00	100.00	97.00	>	0.000	<	10.000
237	status_cnr_33_112	388	0	100.00	100.00	97.00	>	0.000	<	100.000
238	dl_adcik_freq_1x_112	388	0	100.00	100.00	97.00	>	0.000	<	0.000
239	dl_r_g_b_phase_112	388	279	28.09	30.15	27.25	>	0.000	<	0.000
240	dl_r_count_112	388	263	32.22	34.25	31.25	>	0.000	<	0.000
241	dl_r_count_112	388	259	33.25	35.25	32.25	>	0.000	<	0.000
242	dl_b_count_112	388	270	30.41	32.50	29.50	>	0.000	<	0.000
243	dl_data_err400_112	388	283	27.06	29.25	26.25	>	0.000	<	0.000
244	pump_set_350_112	388	0	100.00	100.00	97.00	>	0.000	<	500.000
245	trail_edge_33_112	388	0	100.00	100.00	97.00	>	0.000	<	10.000
246	status_cnr_33_112	388	0	100.00	100.00	97.00	>	0.000	<	100.000
247	dl_adcik_freq_1x_112	388	1	99.74	99.75	96.75	>	0.000	<	0.000
248	dl_r_g_b_phase_112	388	32	91.75	92.00	89.00	>	0.000	<	0.000
249	dl_r_count_112	388	31	92.01	92.25	89.25	>	0.000	<	0.000
250	dl_g_count_112	388	33	91.49	91.75	88.75	>	0.000	<	0.000
251	dl_b_count_112	388	33	91.49	91.75	88.75	>	0.000	<	0.000
252	dl_data_err350_112	388	34	91.24	91.50	88.50	>	0.000	<	0.000
253	pump_set_325_112	388	0	100.00	100.00	97.00	>	0.000	<	500.000
254	trail_edge_33_112	388	0	100.00	100.00	97.00	>	0.000	<	10.000
255	status_cnr_33_112	388	0	100.00	100.00	97.00	>	0.000	<	100.000
256	dl_adcik_freq_1x_112	388	1	99.74	99.75	96.75	>	0.000	<	0.000
257	dl_r_g_b_phase_112	388	13	96.65	96.75	93.75	>	0.000	<	0.000
258	dl_r_count_112	388	12	96.91	97.00	94.00	>	0.000	<	0.000
259	dl_g_count_112	388	12	96.91	97.00	94.00	>	0.000	<	0.000
260	dl_b_count_112	388	13	96.65	96.75	93.75	>	0.000	<	0.000
261	dl_data_err325_112	388	13	96.65	96.75	93.75	>	0.000	<	0.000
262	pump_set_300_112	388	0	100.00	100.00	97.00	>	0.000	<	500.000
263	trail_edge_33_112	388	0	100.00	100.00	97.00	>	0.000	<	10.000
264	status_cnr_33_112	388	0	100.00	100.00	97.00	>	0.000	<	100.000
265	dl_adcik_freq_1x_112	388	0	100.00	100.00	97.00	>	0.000	<	0.000
266	dl_r_g_b_phase_112	388	4	98.97	99.00	96.00	>	0.000	<	0.000
267	dl_r_count_112	388	5	98.71	98.75	95.75	>	0.000	<	0.000
268	dl_g_count_112	388	5	98.71	98.75	95.75	>	0.000	<	0.000
269	dl_b_count_112	388	5	98.71	98.75	95.75	>	0.000	<	0.000
270	dl_data_err300_112	388	5	98.71	98.75	95.75	>	0.000	<	0.000
271	pump_set_250_112	388	0	100.00	100.00	97.00	>	0.000	<	300.000
272	trail_edge_33_112	388	0	100.00	100.00	97.00	>	0.000	<	10.000
273	status_cnr_33_112	388	0	100.00	100.00	97.00	>	0.000	<	100.000
274	dl_adcik_freq_1x_112	388	0	100.00	100.00	97.00	>	0.000	<	0.000
275	dl_r_g_b_phase_112	388	2	99.48	99.50	96.50	>	0.000	<	0.000
276	dl_r_count_112	388	2	99.48	99.50	96.50	>	0.000	<	0.000
277	dl_g_count_112	388	2	99.48	99.50	96.50	>	0.000	<	0.000
278	dl_b_count_112	388	2	99.48	99.50	96.50	>	0.000	<	0.000
279	dl_data_err250_112	388	2	99.48	99.50	96.50	>	0.000	<	0.000
280	pump_set_200_112	388	0	100.00	100.00	97.00	>	0.000	<	300.000
281	trail_edge_33_112	388	0	100.00	100.00	97.00	>	0.000	<	10.000
282	status_cnr_33_112	388	0	100.00	100.00	97.00	>	0.000	<	100.000
283	dl_adcik_freq_1x_112	388	0	100.00	100.00	97.00	>	0.000	<	0.000
284	dl_r_g_b_phase_112	388	2	99.48	99.50	96.50	>	0.000	<	0.000
285	dl_r_count_112	388	3	99.23	99.25	96.25	>	0.000	<	0.000
286	dl_g_count_112	388	3	99.23	99.25	96.25	>	0.000	<	0.000
287	dl_b_count_112	388	3	99.23	99.25	96.25	>	0.000	<	0.000
288	dl_data_err200_112	388	3	99.23	99.25	96.25	>	0.000	<	0.000
289	pump_set_150_112	388	0	100.00	100.00	97.00	>	0.000	<	300.000
290	trail_edge_33_112	388	0	100.00	100.00	97.00	>	0.000	<	10.000
291	status_cnr_33_112	388	0	100.00	100.00	97.00	>	0.000	<	100.000
292	dl_adcik_freq_1x_112	388	0	100.00	100.00	97.00	>	0.000	<	0.000
293	dl_r_g_b_phase_112	388	2	99.48	99.50	96.50	>	0.000	<	0.000
294	dl_r_count_112	388	2	99.48	99.50	96.50	>	0.000	<	0.000
295	dl_g_count_112	388	1	99.74	99.75	96.75	>	0.000	<	0.000
296	dl_b_count_112	388	1	99.74	99.75	96.75	>	0.000	<	0.000
297	dl_data_err150_112	388	2	99.48	99.50	96.50	>	0.000	<	0.000
298	pump_set_100_112	388	0	100.00	100.00	97.00	>	0.000	<	500.000
299	trail_edge_33_112	388	0	100.00	100.00	97.00	>	0.000	<	10.000
300	status_cnr_33_112	388	0	100.00	100.00	97.00	>	0.000	<	100.000
301	dl_adcik_freq_1x_112	388	0	100.00	100.00	97.00	>	0.000	<	0.000
302	dl_r_g_b_phase_112	388	6	98.45	98.50	95.50	>	0.000	<	0.000
303	dl_r_count_112	388	4	98.97	99.00	96.00	>	0.000	<	0.000
304	dl_g_count_112	388	6	98.71	98.75	95.75	>	0.000	<	0.000
305	dl_b_count_112	388	6	98.45	98.50	95.50	>	0.000	<	0.000
306	dl_data_err100_112	388	7	98.20	98.25	95.25	>	0.000	<	0.000
307	pump_set_75_112	388	0	100.00	100.00	97.00	>	0.000	<	500.000
308	trail_edge_33_112	388	0	100.00	100.00	97.00	>	0.000	<	10.000
309	status_cnr_33_112	388	0	100.00	100.00	97.00	>	0.000	<	100.000
310	dl_adcik_freq_1x_112	388	1	99.74	99.75	96.75	>	0.000	<	0.000
311	dl_r_g_b_phase_112	388	5	98.71	98.75	95.75	>	0.000	<	0.000
312	dl_r_count_112	388	4	98.97	99.00	96.00	>	0.000	<	0.000
313	dl_g_count_112	388	4	98.97	99.00	96.00	>	0.000	<	0.000

314	di_b_count_112	388	5	98.71	98.75	95.75	>	0.000	<	0.000
315	di_data_err75_112	388	5	98.71	98.75	95.75	>	0.000	<	0.000
316	pump_set_50_112	388	0	100.00	100.00	97.00	>	0.000	<	500.000
317	trail_edge_33_112	388	0	100.00	100.00	97.00	>	0.000	<	10.000
318	status_cntr_33_112	388	0	100.00	100.00	97.00	>	0.000	<	100.000
319	di_odclk_freq_1x_112	388	0	100.00	100.00	97.00	>	0.000	<	10.000
320	di_r_g_b_phase_112	388	6	98.45	98.50	95.50	>	0.000	<	0.000
321	di_r_count_112	388	6	98.45	98.50	95.50	>	0.000	<	0.000
322	di_g_count_112	388	6	98.45	98.50	95.50	>	0.000	<	0.000
323	di_b_count_112	388	6	98.45	98.50	95.50	>	0.000	<	0.000
324	di_data_err50_112	388	6	98.45	98.50	95.50	>	0.000	<	0.000
325	pump_set_400_140	388	0	100.00	100.00	97.00	>	0.000	<	500.000
326	trail_edge_33_140	388	0	100.00	100.00	97.00	>	0.000	<	10.000
327	status_cntr_33_140	388	0	100.00	100.00	97.00	>	0.000	<	100.000
328	di_odclk_freq_1x_140	388	0	100.00	100.00	97.00	>	0.000	<	0.000
329	di_r_g_b_phase_140	388	216	44.33	46.00	43.00	>	0.000	<	0.000
330	di_r_count_140	388	204	47.42	49.00	46.00	>	0.000	<	0.000
331	di_g_count_140	388	204	47.42	49.00	46.00	>	0.000	<	0.000
332	di_b_count_140	388	204	47.42	49.00	46.00	>	0.000	<	0.000
333	di_data_err400_140	388	220	43.30	45.00	42.00	>	0.000	<	0.000
334	pump_set_350_140	388	0	100.00	100.00	97.00	>	0.000	<	500.000
335	trail_edge_33_140	388	0	100.00	100.00	97.00	>	0.000	<	10.000
336	status_cntr_33_140	388	0	100.00	100.00	97.00	>	0.000	<	100.000
337	di_odclk_freq_1x_140	388	0	100.00	100.00	97.00	>	0.000	<	0.000
338	di_r_g_b_phase_140	388	50	87.11	87.50	84.50	>	0.000	<	0.000
339	di_r_count_140	388	46	88.14	88.50	85.50	>	0.000	<	0.000
340	di_g_count_140	388	39	89.95	90.25	87.25	>	0.000	<	0.000
341	di_b_count_140	388	37	90.46	90.75	87.75	>	0.000	<	0.000
342	di_data_err350_140	388	52	86.60	87.00	84.00	>	0.000	<	0.000
343	pump_set_325_140	388	0	100.00	100.00	97.00	>	0.000	<	500.000
344	trail_edge_33_140	388	0	100.00	100.00	97.00	>	0.000	<	10.000
345	status_cntr_33_140	388	0	100.00	100.00	97.00	>	0.000	<	100.000
346	di_odclk_freq_1x_140	388	0	100.00	100.00	97.00	>	0.000	<	0.000
347	di_r_g_b_phase_140	388	18	95.36	95.50	92.50	>	0.000	<	0.000
348	di_r_count_140	388	10	97.42	97.50	94.50	>	0.000	<	0.000
349	di_g_count_140	388	13	96.65	96.75	93.75	>	0.000	<	0.000
350	di_b_count_140	388	10	97.42	97.50	94.50	>	0.000	<	0.000
351	di_data_err325_140	388	18	95.36	95.50	92.50	>	0.000	<	0.000
352	pump_set_300_140	388	0	100.00	100.00	97.00	>	0.000	<	500.000
353	trail_edge_33_140	388	0	100.00	100.00	97.00	>	0.000	<	10.000
354	status_cntr_33_140	388	0	100.00	100.00	97.00	>	0.000	<	100.000
355	di_odclk_freq_1x_140	388	0	100.00	100.00	97.00	>	0.000	<	0.000
356	di_r_g_b_phase_140	388	13	96.65	96.75	93.75	>	0.000	<	0.000
357	di_r_count_140	388	5	98.71	98.75	95.75	>	0.000	<	0.000
358	di_g_count_140	388	5	98.71	98.75	95.75	>	0.000	<	0.000
359	di_b_count_140	388	5	98.71	98.75	95.75	>	0.000	<	0.000
360	di_data_err300_140	388	13	96.65	96.75	93.75	>	0.000	<	0.000
361	pump_set_250_140	388	0	100.00	100.00	97.00	>	0.000	<	300.000
362	trail_edge_33_140	388	0	100.00	100.00	97.00	>	0.000	<	10.000
363	status_cntr_33_140	388	0	100.00	100.00	97.00	>	0.000	<	100.000
364	di_odclk_freq_1x_140	388	0	100.00	100.00	97.00	>	0.000	<	0.000
365	di_r_g_b_phase_140	388	17	95.62	95.75	92.75	>	0.000	<	0.000
366	di_r_count_140	388	5	98.71	98.75	95.75	>	0.000	<	0.000
367	di_g_count_140	388	11	97.16	97.25	94.25	>	0.000	<	0.000
368	di_b_count_140	388	10	97.42	97.50	94.50	>	0.000	<	0.000
369	di_data_err250_140	388	17	95.62	95.75	92.75	>	0.000	<	0.000
370	pump_set_200_140	388	0	100.00	100.00	97.00	>	0.000	<	300.000
371	trail_edge_33_140	388	0	100.00	100.00	97.00	>	0.000	<	10.000
372	status_cntr_33_140	388	0	100.00	100.00	97.00	>	0.000	<	100.000
373	di_odclk_freq_1x_140	388	0	100.00	100.00	97.00	>	0.000	<	0.000
374	di_r_g_b_phase_140	388	18	95.36	95.50	92.50	>	0.000	<	0.000
375	di_r_count_140	388	7	98.20	98.25	95.25	>	0.000	<	0.000
376	di_g_count_140	388	14	96.39	96.50	93.50	>	0.000	<	0.000
377	di_b_count_140	388	10	97.42	97.50	94.50	>	0.000	<	0.000
378	di_data_err200_140	388	19	95.10	95.25	92.25	>	0.000	<	0.000
379	pump_set_150_140	388	0	100.00	100.00	97.00	>	0.000	<	300.000
380	trail_edge_33_140	388	0	100.00	100.00	97.00	>	0.000	<	10.000
381	status_cntr_33_140	388	0	100.00	100.00	97.00	>	0.000	<	100.000
382	di_odclk_freq_1x_140	388	0	100.00	100.00	97.00	>	0.000	<	0.000
383	di_r_g_b_phase_140	388	17	95.62	95.75	92.75	>	0.000	<	0.000
384	di_r_count_140	388	5	98.71	98.75	95.75	>	0.000	<	0.000
385	di_g_count_140	388	10	97.42	97.50	94.50	>	0.000	<	0.000
386	di_b_count_140	388	6	98.45	98.50	95.50	>	0.000	<	0.000
387	di_data_err150_140	388	17	95.62	95.75	92.75	>	0.000	<	0.000
388	pump_set_100_140	388	0	100.00	100.00	97.00	>	0.000	<	300.000
389	trail_edge_33_140	388	0	100.00	100.00	97.00	>	0.000	<	10.000
390	status_cntr_33_140	388	0	100.00	100.00	97.00	>	0.000	<	100.000
391	di_odclk_freq_1x_140	388	0	100.00	100.00	97.00	>	0.000	<	0.000
392	di_r_g_b_phase_140	388	22	94.33	94.50	91.50	>	0.000	<	0.000
393	di_r_count_140	388	10	97.42	97.50	94.50	>	0.000	<	0.000
394	di_g_count_140	388	15	96.13	96.25	93.25	>	0.000	<	0.000
395	di_b_count_140	388	10	97.42	97.50	94.50	>	0.000	<	0.000
396	di_data_err100_140	388	22	94.33	94.50	91.50	>	0.000	<	0.000
397	pump_set_75_140	388	0	100.00	100.00	97.00	>	0.000	<	300.000
398	trail_edge_33_140	388	0	100.00	100.00	97.00	>	0.000	<	10.000
399	status_cntr_33_140	388	0	100.00	100.00	97.00	>	0.000	<	100.000
400	di_odclk_freq_1x_140	388	0	100.00	100.00	97.00	>	0.000	<	0.000

401	dl_r_g_b_phase_140	388	20	94.85	95.00	92.00	>>	0.000	<<	0.000
402	dl_r_count_140	388	10	97.42	97.50	94.50	>>	0.000	<<	0.000
403	dl_g_count_140	388	12	96.91	97.00	94.00	>>	0.000	<<	0.000
404	dl_b_count_140	388	7	98.20	98.25	95.25	>>	0.000	<<	0.000
405	dl_data_err75_140	388	20	94.85	95.00	92.00	>>	0.000	<<	0.000
406	pump_set_50_140	388	0	100.00	100.00	97.00	>>	0.000	<<	300.000
407	trail_edge_33_140	388	0	100.00	100.00	97.00	>>	0.000	<<	10.000
408	status_cntr_33_140	388	0	100.00	100.00	97.00	>>	0.000	<<	100.000
409	dl_odclk_freq_2x_140	388	0	100.00	100.00	97.00	>>	0.000	<<	10.000
410	dl_r_g_b_phase_140	388	13	96.65	96.75	93.75	>>	0.000	<<	0.000
411	dl_r_count_140	388	9	97.68	97.75	94.75	>>	0.000	<<	0.000
412	dl_g_count_140	388	10	97.42	97.50	94.50	>>	0.000	<<	0.000
413	dl_b_count_140	388	10	97.42	97.50	94.50	>>	0.000	<<	0.000
414	dl_data_err50_140	388	13	96.65	96.75	93.75	>>	0.000	<<	0.000
415	tx_current_voh_170	388	13	96.65	96.75	93.75	>>	0.000	<<	0.002
416	tx_volt_voh_170	388	0	100.00	100.00	97.00	>>	0.000	<<	0.000
417	tx_current_voh_170	388	18	95.36	95.50	92.50	>>	0.000	<<	0.002
418	tx_volt_voh_170	388	0	100.00	100.00	97.00	>>	0.000	<<	4.000
419	pump_set_400_170	388	0	100.00	100.00	97.00	>>	0.000	<<	500.000
420	trail_edge_33_170	388	0	100.00	100.00	97.00	>>	0.000	<<	10.000
421	status_cntr_33_170	388	0	100.00	100.00	97.00	>>	0.000	<<	100.000
422	dl_odclk_freq_2x_170	388	0	100.00	100.00	97.00	>>	0.000	<<	0.000
423	dl_r_g_b_phase_2x_170	388	199	48.71	50.25	47.25	>>	0.000	<<	0.000
424	dl_r_count_2x_170	388	192	50.52	52.00	49.00	>>	0.000	<<	0.000
425	dl_g_count_2x_170	388	194	50.00	51.50	48.50	>>	0.000	<<	0.000
426	dl_b_count_2x_170	388	192	50.52	52.00	49.00	>>	0.000	<<	0.000
427	dl_channel_b_2x_170	388	196	50.25	52.25	50.25	>>	0.000	<<	0.000
428	dl_data_err400_2x_170	388	201	48.20	49.75	46.75	>>	0.000	<<	0.000
429	pump_set_350_170	388	0	100.00	100.00	97.00	>>	0.000	<<	500.000
430	trail_edge_33_170	388	0	100.00	100.00	97.00	>>	0.000	<<	10.000
431	status_cntr_33_170	388	0	100.00	100.00	97.00	>>	0.000	<<	100.000
432	dl_odclk_freq_2x_170	388	0	100.00	100.00	97.00	>>	0.000	<<	0.000
433	dl_r_g_b_phase_2x_170	388	105	72.94	73.75	70.75	>>	0.000	<<	0.000
434	dl_r_count_2x_170	388	100	74.23	75.00	72.00	>>	0.000	<<	0.000
435	dl_g_count_2x_170	388	90	76.80	77.50	74.50	>>	0.000	<<	0.000
436	dl_b_count_2x_170	388	92	76.29	77.00	74.00	>>	0.000	<<	0.000
437	dl_channel_b_2x_170	388	47	87.89	88.25	85.25	>>	0.000	<<	0.000
438	dl_data_err350_2x_170	388	109	71.91	72.75	69.75	>>	0.000	<<	0.000
439	pump_set_325_170	388	0	100.00	100.00	97.00	>>	0.000	<<	500.000
440	trail_edge_33_170	388	0	100.00	100.00	97.00	>>	0.000	<<	10.000
441	status_cntr_33_170	388	0	100.00	100.00	97.00	>>	0.000	<<	100.000
442	dl_odclk_freq_2x_170	388	0	100.00	100.00	97.00	>>	0.000	<<	0.000
443	dl_r_g_b_phase_2x_170	388	34	91.24	91.50	88.50	>>	0.000	<<	0.000
444	dl_r_count_2x_170	388	35	90.98	91.25	88.25	>>	0.000	<<	0.000
445	dl_g_count_2x_170	388	30	92.27	92.50	89.50	>>	0.000	<<	0.000
446	dl_b_count_2x_170	388	30	92.27	92.50	89.50	>>	0.000	<<	0.000
447	dl_channel_b_2x_170	388	15	96.13	96.25	93.25	>>	0.000	<<	0.000
448	dl_data_err325_2x_170	388	35	90.98	91.25	88.25	>>	0.000	<<	0.000
449	pump_set_300_170	388	0	100.00	100.00	97.00	>>	0.000	<<	500.000
450	trail_edge_33_170	388	0	100.00	100.00	97.00	>>	0.000	<<	10.000
451	status_cntr_33_170	388	0	100.00	100.00	97.00	>>	0.000	<<	100.000
452	dl_odclk_freq_2x_170	388	0	100.00	100.00	97.00	>>	0.000	<<	0.000
453	dl_r_g_b_phase_2x_170	388	30	92.27	92.50	89.50	>>	0.000	<<	0.000
454	dl_r_count_2x_170	388	25	93.56	93.75	90.75	>>	0.000	<<	0.000
455	dl_g_count_2x_170	388	22	94.33	94.50	91.50	>>	0.000	<<	0.000
456	dl_b_count_2x_170	388	17	95.62	95.75	92.75	>>	0.000	<<	0.000
457	dl_channel_b_2x_170	388	9	97.68	97.75	94.75	>>	0.000	<<	0.000
458	dl_data_err300_2x_170	388	30	92.27	92.50	89.50	>>	0.000	<<	0.000
459	pump_set_250_170	388	0	100.00	100.00	97.00	>>	0.000	<<	500.000
460	trail_edge_33_170	388	0	100.00	100.00	97.00	>>	0.000	<<	10.000
461	status_cntr_33_170	388	0	100.00	100.00	97.00	>>	0.000	<<	100.000
462	dl_odclk_freq_2x_170	388	0	100.00	100.00	97.00	>>	0.000	<<	0.000
463	dl_r_g_b_phase_2x_170	388	18	95.36	95.50	92.50	>>	0.000	<<	0.000
464	dl_r_count_2x_170	388	17	95.62	95.75	92.75	>>	0.000	<<	0.000
465	dl_g_count_2x_170	388	14	96.39	96.50	93.50	>>	0.000	<<	0.000
466	dl_b_count_2x_170	388	11	97.16	97.25	94.25	>>	0.000	<<	0.000
467	dl_channel_b_2x_170	388	6	98.45	98.50	95.50	>>	0.000	<<	0.000
468	dl_data_err250_2x_170	388	18	95.36	95.50	92.50	>>	0.000	<<	0.000
469	pump_set_200_170	388	0	100.00	100.00	97.00	>>	0.000	<<	500.000
470	trail_edge_33_170	388	0	100.00	100.00	97.00	>>	0.000	<<	10.000
471	status_cntr_33_170	388	0	100.00	100.00	97.00	>>	0.000	<<	100.000
472	dl_odclk_freq_2x_170	388	0	100.00	100.00	97.00	>>	0.000	<<	0.000
473	dl_r_g_b_phase_2x_170	388	10	97.42	97.50	94.50	>>	0.000	<<	0.000
474	dl_r_count_2x_170	388	10	97.42	97.50	94.50	>>	0.000	<<	0.000
475	dl_g_count_2x_170	388	9	97.68	97.75	94.75	>>	0.000	<<	0.000
476	dl_b_count_2x_170	388	9	97.68	97.75	94.75	>>	0.000	<<	0.000
477	dl_channel_b_2x_170	388	6	98.45	98.50	95.50	>>	0.000	<<	0.000
478	dl_data_err200_2x_170	388	10	97.42	97.50	94.50	>>	0.000	<<	0.000
479	pump_set_150_170	388	0	100.00	100.00	97.00	>>	0.000	<<	500.000
480	trail_edge_33_170	388	0	100.00	100.00	97.00	>>	0.000	<<	10.000
481	status_cntr_33_170	388	0	100.00	100.00	97.00	>>	0.000	<<	100.000
482	dl_odclk_freq_2x_170	388	0	100.00	100.00	97.00	>>	0.000	<<	0.000
483	dl_sync_rise_2x_170	388	9	97.68	97.75	94.75	>>	0.000	<<	0.000
484	dl_sync_fall_2x_170	388	9	97.68	97.75	94.75	>>	0.000	<<	0.000
485	dl_r_g_b_phase_2x_170	388	14	96.39	96.50	93.50	>>	0.000	<<	0.000
486	dl_r_count_2x_170	388	9	97.68	97.75	94.75	>>	0.000	<<	0.000
487	dl_g_count_2x_170	388	14	96.39	96.50	93.50	>>	0.000	<<	0.000

488	di_b_count_2x_170	388	9	97.68	97.75	94.75	>	0.000	<	0.000	
489	di_channel_8_2x_170	388	8	97.94	98.00	95.00	>	0.000	<	0.000	
490	di_doto_err150_2x_170	388	14	96.39	96.50	93.50	>	0.000	<	0.000	
491	pump_set_100_170	388	0	100.00	100.00	97.00	>	0.000	<	500.000	
492	trail_edge_33_170	388	0	100.00	100.00	97.00	>	0.000	<	10.000	
493	status_cntr_33_170	388	0	100.00	100.00	97.00	>	0.000	<	100.000	
494	di_odclk_freq_2x_170	388	0	100.00	100.00	97.00	>	0.000	<	0.000	
495	di_r_g_b_phase_2x_170	388	10	97.42	97.50	94.50	>	0.000	<	0.000	
496	di_r_count_2x_170	388	9	97.61	97.75	94.75	>	0.000	<	0.000	
497	di_g_count_2x_170	388	10	97.42	97.50	94.50	>	0.000	<	0.000	
498	di_b_count_2x_170	388	9	97.68	97.75	94.75	>	0.000	<	0.000	
499	di_channel_8_2x_170	388	8	97.94	98.00	95.00	>	0.000	<	0.000	
500	di_doto_err150_2x_170	388	10	97.42	97.50	94.50	>	0.000	<	0.000	
501	pump_set_75_170	388	0	100.00	100.00	97.00	>	0.000	<	500.000	
502	trail_edge_33_170	388	0	100.00	100.00	97.00	>	0.000	<	10.000	
503	status_cntr_33_170	388	0	100.00	100.00	97.00	>	0.000	<	100.000	
504	di_odclk_freq_2x_170	388	0	100.00	100.00	97.00	>	0.000	<	0.000	
505	di_r_g_b_phase_2x_170	388	18	95.36	95.50	92.50	>	0.000	<	0.000	
506	di_r_count_2x_170	388	14	96.39	96.50	93.50	>	0.000	<	0.000	
507	di_g_count_2x_170	388	13	96.65	96.75	93.75	>	0.000	<	0.000	
508	di_b_count_2x_170	388	11	97.16	97.25	94.25	>	0.000	<	0.000	
509	di_channel_8_2x_170	388	9	97.68	97.75	94.75	>	0.000	<	0.000	
510	di_doto_err75_2x_170	388	18	95.36	95.50	92.50	>	0.000	<	0.000	
511	pump_set_50_170	388	0	100.00	100.00	97.00	>	0.000	<	500.000	
512	trail_edge_33_170	388	0	100.00	100.00	97.00	>	0.000	<	10.000	
513	status_cntr_33_170	388	0	100.00	100.00	97.00	>	0.000	<	100.000	
514	di_odclk_freq_2x_170	388	0	100.00	100.00	97.00	>	0.000	<	0.000	
515	di_r_g_b_phase_2x_170	388	18	95.36	95.50	92.50	>	0.000	<	0.000	
516	di_r_count_2x_170	388	13	96.65	96.75	93.75	>	0.000	<	0.000	
517	di_g_count_2x_170	388	15	96.13	96.25	93.25	>	0.000	<	0.000	
518	di_b_count_2x_170	388	10	97.42	97.50	94.50	>	0.000	<	0.000	
519	di_channel_8_2x_170	388	9	97.68	97.75	94.75	>	0.000	<	0.000	
520	di_doto_err50_2x_170	388	18	95.36	95.50	92.50	>	0.000	<	0.000	
521	di_data_err50_2x_170	388	0	100.00	100.00	97.00	>	-1.000	<	85.000	nA
522	di_pll_grey_2x_170	388	0	100.00	100.00	97.00	>	0.000	<	300.000	nA
523	di_chip_grey_2x_170	388	0	100.00	100.00	97.00	>	80.000	<	470.000	nA
524	di_totol_grey_2x_170	388	0	100.00	100.00	97.00	>	85.000	<	665.000	nA
525	di_power_grey_2x_170	388	0	100.00	100.00	97.00	>	280.500	<	2.164E+03	nA
526	di_output_grey_1	388	0	100.00	100.00	97.00	>	1.000	<	150.000	nA
527	di_pll_grey_1	388	0	100.00	100.00	97.00	>	5.000	<	300.000	nA
528	di_chip_grey_1	388	2	99.48	99.50	96.50	>	80.000	<	400.000	nA
529	di_totol_grey_1	388	0	100.00	100.00	97.00	>	85.000	<	735.000	nA
530	di_power_grey_1	388	0	100.00	100.00	97.00	>	280.500	<	2.426E+03	nW
531	di_output_grey_0	388	0	100.00	100.00	97.00	>	-1.000	<	180.000	nA
532	di_pll_grey_0	388	0	100.00	100.00	97.00	>	5.000	<	300.000	nA
533	di_chip_grey_0	388	2	99.48	99.50	96.50	>	80.000	<	400.000	nA
534	di_totol_grey_0	388	0	100.00	100.00	97.00	>	85.000	<	735.000	nA
535	di_power_grey_0	388	0	100.00	100.00	97.00	>	280.500	<	2.426E+03	nW
536	di_rxlp_term	388	0	100.00	100.00	97.00	>	40.000	<	105.000	nA
537	di_rxln_term	388	0	100.00	100.00	97.00	>	40.000	<	105.000	nA
538	di_rxlp_term	388	0	100.00	100.00	97.00	>	40.000	<	105.000	nA
539	di_rxln_term	388	0	100.00	100.00	97.00	>	40.000	<	105.000	nA
540	di_rxlp_term	388	0	100.00	100.00	97.00	>	40.000	<	105.000	nA
541	di_rxln_term	388	0	100.00	100.00	97.00	>	40.000	<	105.000	nA
542	di_rxcp_term	388	0	100.00	100.00	97.00	>	40.000	<	105.000	nA
543	di_rxcn_term	388	0	100.00	100.00	97.00	>	40.000	<	105.000	nA
544	di_output_bw_3_170	388	0	100.00	100.00	97.00	>	-1.000	<	150.000	nA
545	di_pll_bw_3_170	388	2	99.48	99.50	96.50	>	5.000	<	150.000	nA
546	di_chip_bw_3_170	388	0	100.00	100.00	97.00	>	80.000	<	450.000	nA
547	di_totol_bw_3_170	388	0	100.00	100.00	97.00	>	85.000	<	735.000	nA
548	di_power_bw_3_170	388	0	100.00	100.00	97.00	>	280.500	<	2.426E+03	nW
549	de_edge_3	388	0	100.00	100.00	97.00	>	-10.000	<	300.000	n5
550	R07A_edge_3	388	0	100.00	100.00	97.00	>	-10.000	<	300.000	n5
551	di_clot_hout_3	388	0	100.00	100.00	97.00	>	-10.000	<	300.000	n5
552	di_clot_vout_3	388	0	100.00	100.00	97.00	>	-10.000	<	300.000	n5
553	di_max_tr_tpd_3	388	0	100.00	100.00	97.00	>	-10.000	<	300.000	n5
554	di_max_tr_tpd_bit_3	388	0	100.00	100.00	97.00	>	0.000	<	15.000	n5
555	di_max_tr_tpd_3	388	0	100.00	100.00	97.00	>	-10.000	<	300.000	n5
556	di_max_tr_tv_3	388	0	100.00	100.00	97.00	>	-10.000	<	300.000	n5
557	di_max_tr_tv_bit_3	388	0	100.00	100.00	97.00	>	0.000	<	15.000	n5
558	di_max_tr_tv_odc_3	388	0	100.00	100.00	97.00	>	0.000	<	3.000	n5
559	di_min_tr_tpd_3	388	2	99.48	99.50	96.50	>	-10.000	<	300.000	n5
560	di_min_tr_tpd_bit_3	388	0	100.00	100.00	97.00	>	0.000	<	15.000	n5
561	di_min_tr_tpd_odc_3	388	0	100.00	100.00	97.00	>	0.000	<	3.000	n5
562	di_min_tr_tv_3	388	2	99.48	99.50	96.50	>	-10.000	<	300.000	n5
563	di_min_tr_tv_bit_3	388	0	100.00	100.00	97.00	>	0.000	<	15.000	n5
564	di_min_tr_tv_odc_3	388	0	100.00	100.00	97.00	>	0.000	<	3.000	n5
565	di_max_tr_3	388	0	100.00	100.00	97.00	>	-10.000	<	300.000	n5
566	di_max_tr_bit_3	388	0	100.00	100.00	97.00	>	0.000	<	15.000	n5
567	di_max_tr_odc_3	388	0	100.00	100.00	97.00	>	0.000	<	3.000	n5
568	di_min_tr_tv_3	388	0	100.00	100.00	97.00	>	-10.000	<	300.000	n5
569	di_min_tr_tv_bit_3	388	0	100.00	100.00	97.00	>	0.000	<	15.000	n5
570	di_min_tr_tv_odc_3	388	0	100.00	100.00	97.00	>	0.000	<	3.000	n5
571	di_dclk_tf_datom_3	388	0	100.00	100.00	97.00	>	-10.000	<	300.000	n5
572	di_dclk_tf_datom_3	388	0	100.00	100.00	97.00	>	-10.000	<	300.000	n5
573	di_dclk_tf_datom_3	388	0	100.00	100.00	97.00	>	-10.000	<	300.000	n5
574	di_dclk_tf_datom_3	388	0	100.00	100.00	97.00	>	-10.000	<	300.000	n5

923	dl_dckb_fall_d_mid_1	388	0	100.00	100.00	97.00	--	-10.000	--	300.000	n5
924	dl_dckb_rise_d_mid_1	388	0	100.00	100.00	97.00	--	-10.000	--	300.000	n5
925	dl_dckb_fall_d_mid_1	388	0	100.00	100.00	97.00	--	-10.000	--	300.000	n5
926	dl_dckb_rise_d_mid_1	388	0	100.00	100.00	97.00	--	-10.000	--	300.000	n5
927	dl_dckb_h_d_c1	388	0	100.00	100.00	97.00	--	0.000	--	100.000	n5
928	dl_dckb_h_d_c1	388	0	100.00	100.00	97.00	--	0.000	--	100.000	n5
929	dl_dckb_d_d_c1	388	0	100.00	100.00	97.00	--	0.000	--	100.000	n5
930	dl_dckb_d_d_c1	388	0	100.00	100.00	97.00	--	0.000	--	100.000	n5
931	dl_edge_0	388	0	100.00	100.00	97.00	--	-10.000	--	300.000	n5
932	R07A_edge_0	388	0	100.00	100.00	97.00	--	-10.000	--	300.000	n5
933	dl_clat_hout_0	388	0	100.00	100.00	97.00	--	-10.000	--	300.000	n5
934	dl_clat_vout_0	388	0	100.00	100.00	97.00	--	-10.000	--	300.000	n5
935	dl_max_tr_tpd_0	388	0	100.00	100.00	97.00	--	-10.000	--	300.000	n5
936	dl_max_tr_tpd_bit_0	388	0	100.00	100.00	97.00	--	0.000	--	15.000	n5
937	dl_max_tr_tpd_adc_0	388	0	100.00	100.00	97.00	--	0.000	--	3.000	n5
938	dl_max_tr_tv_0	388	0	100.00	100.00	97.00	--	-10.000	--	300.000	n5
939	dl_max_tr_tv_bit_0	388	0	100.00	100.00	97.00	--	0.000	--	15.000	n5
940	dl_max_tr_tv_adc_0	388	0	100.00	100.00	97.00	--	0.000	--	3.000	n5
941	dl_min_tr_tpd_0	388	2	99.48	99.50	96.50	--	-10.000	--	300.000	n5
942	dl_min_tr_tpd_bit_0	388	0	100.00	100.00	97.00	--	0.000	--	15.000	n5
943	dl_min_tr_tpd_adc_0	388	0	100.00	100.00	97.00	--	0.000	--	3.000	n5
944	dl_min_tr_tv_0	388	2	99.48	99.50	96.50	--	-10.000	--	300.000	n5
945	dl_min_tr_tv_bit_0	388	0	100.00	100.00	97.00	--	0.000	--	15.000	n5
946	dl_min_tr_tv_adc_0	388	0	100.00	100.00	97.00	--	0.000	--	3.000	n5
947	dl_max_tr_0	388	0	100.00	100.00	97.00	--	-10.000	--	300.000	n5
948	dl_max_tr_bit_0	388	0	100.00	100.00	97.00	--	0.000	--	15.000	n5
949	dl_max_tr_adc_0	388	0	100.00	100.00	97.00	--	0.000	--	3.000	n5
950	dl_min_tr_time_0	388	0	100.00	100.00	97.00	--	-10.000	--	300.000	n5
951	dl_min_tr_bit_0	388	0	100.00	100.00	97.00	--	0.000	--	15.000	n5
952	dl_min_tr_adc_0	388	0	100.00	100.00	97.00	--	0.000	--	3.000	n5
953	dl_dckb_tf_datam_0	388	0	100.00	100.00	97.00	--	-10.000	--	300.000	n5
954	dl_dckb_tf_datam_0	388	0	100.00	100.00	97.00	--	-10.000	--	300.000	n5
955	dl_dckb_tr_datam_0	388	0	100.00	100.00	97.00	--	-10.000	--	300.000	n5
956	dl_dckb_tf_datam_0	388	0	100.00	100.00	97.00	--	-10.000	--	300.000	n5
957	dl_dckb_dc_datam_0	388	0	100.00	100.00	97.00	--	25.000	--	75.000	n5
958	dl_dckb_dc_datam_0	388	0	100.00	100.00	97.00	--	25.000	--	75.000	n5
959	dl_dckb_tr_hr_0	388	0	100.00	100.00	97.00	--	-10.000	--	300.000	n5
960	dl_dckb_tr_hr_0	388	0	100.00	100.00	97.00	--	-10.000	--	300.000	n5
961	dl_dckb_tr_hr_0	388	0	100.00	100.00	97.00	--	-10.000	--	300.000	n5
962	dl_dckb_tf_hr_0	388	0	100.00	100.00	97.00	--	-10.000	--	300.000	n5
963	dl_dckb_dc_hr_0	388	0	100.00	100.00	97.00	--	25.000	--	75.000	n5
964	dl_dckb_dc_hr_0	388	0	100.00	100.00	97.00	--	25.000	--	75.000	n5
965	dl_max_tf_tpd_0	388	0	100.00	100.00	97.00	--	-10.000	--	300.000	n5
966	dl_max_tf_tpd_bit_0	388	0	100.00	100.00	97.00	--	0.000	--	15.000	n5
967	dl_max_tf_tpd_adc_0	388	0	100.00	100.00	97.00	--	0.000	--	3.000	n5
968	dl_max_tf_tv_0	388	0	100.00	100.00	97.00	--	-10.000	--	300.000	n5
969	dl_max_tf_tv_bit_0	388	0	100.00	100.00	97.00	--	0.000	--	15.000	n5
970	dl_max_tf_tv_adc_0	388	0	100.00	100.00	97.00	--	0.000	--	3.000	n5
971	dl_min_tf_tpd_0	388	2	99.48	99.50	96.50	--	-10.000	--	300.000	n5
972	dl_min_tf_tpd_bit_0	388	0	100.00	100.00	97.00	--	0.000	--	15.000	n5
973	dl_min_tf_tpd_adc_0	388	0	100.00	100.00	97.00	--	0.000	--	3.000	n5
974	dl_min_tf_tv_0	388	2	99.48	99.50	96.50	--	-10.000	--	300.000	n5
975	dl_min_tf_tv_bit_0	388	0	100.00	100.00	97.00	--	0.000	--	15.000	n5
976	dl_min_tf_tv_adc_0	388	0	100.00	100.00	97.00	--	0.000	--	3.000	n5
977	dl_max_tf_0	388	0	100.00	100.00	97.00	--	-10.000	--	300.000	n5
978	dl_max_tf_bit_0	388	0	100.00	100.00	97.00	--	0.000	--	15.000	n5
979	dl_max_tf_adc_0	388	0	100.00	100.00	97.00	--	0.000	--	3.000	n5
980	dl_min_tf_time_0	388	0	100.00	100.00	97.00	--	-10.000	--	300.000	n5
981	dl_min_tf_bit_0	388	0	100.00	100.00	97.00	--	0.000	--	15.000	n5
982	dl_min_tf_adc_0	388	0	100.00	100.00	97.00	--	0.000	--	3.000	n5
983	dl_hsync_rise_time_0	388	0	100.00	100.00	97.00	--	-10.000	--	300.000	n5
984	dl_hsync_rise_tpd_0	388	0	100.00	100.00	97.00	--	-10.000	--	300.000	n5
985	dl_hsync_rise_tv_0	388	0	100.00	100.00	97.00	--	-10.000	--	300.000	n5
986	dl_hsync_fall_time_0	388	0	100.00	100.00	97.00	--	-10.000	--	300.000	n5
987	dl_hsync_fall_tpd_0	388	0	100.00	100.00	97.00	--	-10.000	--	300.000	n5
988	dl_hsync_fall_tv_0	388	0	100.00	100.00	97.00	--	-10.000	--	300.000	n5
989	dl_d7ra_rise_time_0	388	0	100.00	100.00	97.00	--	-10.000	--	300.000	n5
990	dl_d7ra_rise_tpd_0	388	0	100.00	100.00	97.00	--	-10.000	--	300.000	n5
991	dl_d7ra_rise_tv_0	388	0	100.00	100.00	97.00	--	-10.000	--	300.000	n5
992	dl_d7ra_fall_time_0	388	0	100.00	100.00	97.00	--	-10.000	--	300.000	n5
993	dl_d7ra_fall_tpd_0	388	0	100.00	100.00	97.00	--	-10.000	--	300.000	n5
994	dl_d7ra_fall_tv_0	388	0	100.00	100.00	97.00	--	-10.000	--	300.000	n5
995	dl_d7rb_rise_time_0	388	0	100.00	100.00	97.00	--	-10.000	--	300.000	n5
996	dl_d7rb_rise_tpd_0	388	0	100.00	100.00	97.00	--	-10.000	--	300.000	n5
997	dl_d7rb_rise_tv_0	388	0	100.00	100.00	97.00	--	-10.000	--	300.000	n5
998	dl_d7rb_fall_time_0	388	0	100.00	100.00	97.00	--	-10.000	--	300.000	n5
999	dl_d7rb_fall_tpd_0	388	0	100.00	100.00	97.00	--	-10.000	--	300.000	n5
1000	dl_d7rb_fall_tv_0	388	0	100.00	100.00	97.00	--	-10.000	--	300.000	n5
1001	dl_d7ga_rise_time_0	388	0	100.00	100.00	97.00	--	-10.000	--	300.000	n5
1002	dl_d7ga_rise_tpd_0	388	0	100.00	100.00	97.00	--	-10.000	--	300.000	n5
1003	dl_d7ga_rise_tv_0	388	0	100.00	100.00	97.00	--	-10.000	--	300.000	n5
1004	dl_d7ga_fall_time_0	388	0	100.00	100.00	97.00	--	-10.000	--	300.000	n5
1005	dl_d7ga_fall_tpd_0	388	0	100.00	100.00	97.00	--	-10.000	--	300.000	n5
1006	dl_d7ga_fall_tv_0	388	0	100.00	100.00	97.00	--	-10.000	--	300.000	n5
1007	dl_d7gb_rise_time_0	388	0	100.00	100.00	97.00	--	-10.000	--	300.000	n5
1008	dl_d7gb_rise_tpd_0	388	0	100.00	100.00	97.00	--	-10.000	--	300.000	n5
1009	dl_d7gb_rise_tv_0	388	0	100.00	100.00	97.00	--	-10.000	--	300.000	n5

1097	dl_dck_fall_h_rise_0	388	0	100.00	100.00	97.00	>=	-10.000	<=	300.000	n5
1098	dl_dck_rise_h_rise_0	388	0	100.00	100.00	97.00	>=	-10.000	<=	300.000	n5
1099	dl_dckb_fall_h_rise_0	388	0	100.00	100.00	97.00	>=	-10.000	<=	300.000	n5
1100	dl_dckb_rise_h_rise_0	388	0	100.00	100.00	97.00	>=	-10.000	<=	300.000	n5
1101	dl_dck_fall_d_mid_0	388	0	100.00	100.00	97.00	>=	-10.000	<=	300.000	n5
1102	dl_dck_rise_d_mid_0	388	0	100.00	100.00	97.00	>=	-10.000	<=	300.000	n5
1103	dl_dckb_fall_d_mid_0	388	0	100.00	100.00	97.00	>=	-10.000	<=	300.000	n5
1104	dl_dckb_rise_d_mid_0	388	0	100.00	100.00	97.00	>=	-10.000	<=	300.000	n5
1105	dl_dck_h_dc_0	388	0	100.00	100.00	97.00	>=	0.000	<=	100.000	
1106	dl_dckb_h_dc_0	388	0	100.00	100.00	97.00	>=	0.000	<=	100.000	
1107	dl_dck_d_dc_0	388	0	100.00	100.00	97.00	>=	0.000	<=	100.000	
1108	dl_dckb_d_dc_0	388	0	100.00	100.00	97.00	>=	0.000	<=	100.000	
1109	HDCP_Bkov	388	0	100.00	100.00	97.00	>=	0.000	<=	0.000	
1110	HDCP_loops	388	0	100.00	100.00	97.00	>=	0.000	<=	5.000	
1111	HDCP_RL_0	388	0	100.00	100.00	97.00	>=	35.55E+03	<=	35.55E+03	
1112	HDCP_key_ready	388	0	100.00	100.00	97.00	>=	1.000	<=	1.000	
1113	HDCP_trail_time	388	0	100.00	100.00	97.00	>=	-1.000	<=	1.000	
1114	red_mask	388	1	99.74	99.75	96.75	>=	0.000	<=	0.000	
1115	red_mask_0	388	0	100.00	100.00	97.00	>=	0.000	<=	9.999E+03	
1116	red_mask_1	388	0	100.00	100.00	97.00	>=	0.000	<=	9.999E+03	
1117	grn_mask	388	1	99.74	99.75	96.75	>=	0.000	<=	0.000	
1118	grn_mask_0	388	0	100.00	100.00	97.00	>=	0.000	<=	9.999E+03	
1119	grn_mask_1	388	0	100.00	100.00	97.00	>=	0.000	<=	9.999E+03	
1120	blu_mask	388	1	99.74	99.75	96.75	>=	0.000	<=	0.000	
1121	blu_mask_0	388	0	100.00	100.00	97.00	>=	0.000	<=	9.999E+03	
1122	blu_mask_1	388	0	100.00	100.00	97.00	>=	0.000	<=	9.999E+03	
1123	HDCP_RL_1	388	6	98.45	98.50	95.50	>=	24.91E+03	<=	24.91E+03	
1124	thru_put_time	388	0	100.00	100.00	97.00	>=	0.000	<=	1.500E+03	5
1125	dut_bin	388	0	100.00	100.00	97.00	>=	0.000	<=	1000.000	
-1	Test Site Number	388	0	100.00	100.00	97.00	>=	N/A	<=	N/A	
-2	Test Wnd Number	388	0	100.00	100.00	97.00	>=	N/A	<=	N/A	
-3	Wafer Number	388	0	100.00	100.00	97.00	>=	N/A	<=	N/A	
-4	Wafer X Coordinate	388	0	100.00	100.00	97.00	>=	N/A	<=	N/A	
-5	Wafer Y Coordinate	388	0	100.00	100.00	97.00	>=	N/A	<=	N/A	